

VIA FACSIMILE TRANSMISSION - Official
To the USPTO at Fax Number (703) 872-9306
Application No. 09/706,592
June 17, 2004

In the Claims

Please cancel claim 15, without prejudice or disclaimer, and with the understanding that Applicant reserves the right to resubmit this claim.

The following listing of claims will replace all prior versions of the claims in this application.

Listing of Claims

Claims 1-15 (cancelled)

Claim 16 (new): A method of establishing a wireless communication network by means of a first device capable of wireless communication, said method comprising:

(a) at the first device, before the establishment of a wireless communication network comprising a second device capable of wireless communication, sending via wireless transmission a wireless message utilizing a standard modem command selected from a standard modem command format, but substituting for modem information normally associated with the standard modem command in said standard modem command format, wireless network information which is foreign to said standard modem command format, said wireless network information to be utilized concerning the initial establishment of a wireless communication network including the second device; and

(b) at the second device receiving the wireless message sent via wireless transmission, and taking action based on the wireless network information which is foreign to said standard modem command format, sent by the first device, for the initial establishment of a wireless communication network accommodating wireless network communication including the second device.

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Claim 17 (new): A wireless communication system comprising:

- (a) at least one first device capable of wireless communication, for generating at least one network establishment signal having network establishment information incorporated into a standard modem command selected from a standard modem command format, where said network establishment information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format; and
- (b) at least one second device capable of wireless communication;
- (c) said network establishment signal being sent via wireless transmission from the first device and being received by the second device, whereby a wireless communication network comprising the first device and the second device is created pursuant to the network establishment signal having said network establishment information which is foreign to said standard modem command.

Claim 18 (new): A method of communicating with a device having a device wireless communication system capable of wireless communication, said method comprising:

- (a) establishing a wireless network including the device wireless communication system by incorporating wireless network establishment information into a standard modem command selected from a standard modem command format where said wireless network establishment information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format, and sending to the device wireless communication system the wireless network establishment information incorporated in said standard modem command; and
- (b) after the wireless network including the device wireless communication system has been created pursuant to the wireless network establishment information which is foreign to said standard modem command, effecting communication via the newly created network including the device wireless communication system.

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Claim 19 (new): A method as in claim 18 wherein the wireless network establishment information comprises an instruction to the device wireless communication system to join any network.

Claim 20 (new): A method as in claim 18 wherein the wireless network establishment information comprises an instruction to the device wireless communication system to create a network.

Claim 21 (new): A method as in claim 18 wherein the wireless network establishment information comprises an instruction to the device wireless communication system to join an identified network.

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Claim 22 (new): A method as in claim 18 wherein after establishment of a wireless communication network comprising the device wireless communication system, a message is generated comprising an instruction utilizing a standard modem command format to leave a response mode where a response is made via wireless transmission to an incoming wireless message, and to enter a quiet mode where no response via wireless transmission is made to an incoming wireless message.

Claim 23 (new): A method as in claim 18 wherein after establishment of a wireless communication network comprising the device wireless communication system, a message is generated comprising an instruction utilizing a standard modem command format to leave a quiet mode where a response is not sent to an incoming wireless message, and to enter a response mode where a response is sent via wireless transmission to an incoming wireless message.

Claim 24 (new): A method as in claim 18 wherein after establishment of a wireless communication network comprising the device wireless communication system, a message is generated comprising an instruction utilizing a standard modem command

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format to leave a text response mode where a text response is made via wireless transmission to an incoming wireless message, and to enter a numeric response mode where a numeric response via wireless transmission is made to an incoming wireless message.

Claim 25 (new): A method as in claim 18 wherein after establishment of a wireless communication network comprising the device wireless communication system, a message is generated comprising an instruction utilizing a standard modem command format to leave a numeric response mode where a numeric response is made via wireless transmission to an incoming wireless message, and to enter a text response mode where a text response via wireless transmission is made to an incoming wireless message.

Claim 26 (new): A wireless communication system comprising:

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- (a) a device having a device wireless communication subsystem capable of wireless communication, for processing at least one network establishment signal having network establishment information incorporated into a standard modem command selected from a standard modem command format, where said network establishment information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format;
 - (b) said device wireless communication subsystem being responsive to the network establishment information which is foreign to said standard modem command to become part of a wireless network.

Claim 27 (new): A wireless communication system as in claim 26 wherein the network establishment information comprises an instruction to the device wireless communication subsystem to join any network

Claim 28 (new): A wireless communication system as in claim 26 wherein the network establishment information comprises an instruction to the device wireless

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communication subsystem to create a network.

Claim 29 (new): A wireless communication system as in claim 26 wherein the network establishment information comprises an instruction to the device wireless communication subsystem to join an identified network.

Claim 30 (new): A wireless communication system as in claim 26 wherein the network establishment information comprises a network parameter to be used in becoming part of a wireless network

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Claim 31 (new): A wireless communication system comprising:

- (a) a device having a device wireless communication subsystem capable of wireless communication, for processing a network establishment signal having identification information incorporated into a standard modem command selected from a standard modem command format, where said identification information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format;
- (b) said device wireless communication subsystem using the identification information which is foreign to said standard modem command to become part of a wireless network.

Claim 32 (new): A wireless communication system comprising:

- (a) a device having a device wireless communication subsystem capable of wireless communication, for processing at least one control signal having network operation information incorporated into a standard modem command selected from a standard modem command format, where said network operation information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format;
- (b) said device wireless communication subsystem being responsive to the network

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operation information which is foreign to said standard modem command to control its operation as part of a wireless network,

Claim 33 (new): A wireless communication system as in claim 32 wherein the network operation information comprises an awake time value to be used during operation in connection with a wireless network.

Claim 34 (new): A method of communicating with a device comprising a device wireless communication system capable of wireless communication, said method comprising:

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- (a) generating at least one control signal having control information incorporated into a standard modem command selected from a standard modem command format, where said control information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format;
 - (b) sending to the device wireless communication system said control signal having control information incorporated into said standard modem command selected from the standard modem command format, where said control information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format; and
 - (c) at the device wireless communication system responding to the control information incorporated into said standard modem command selected from the standard modem command format to effect a control operation even though said control information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format.

Claim 35 (new): A wireless communication system comprising:

- (a) a device having a device wireless communication subsystem capable of wireless communication, for processing at least one control signal having control information incorporated into a standard modem command selected from a standard modem

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command format, where said control information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format;

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(b) said device wireless communication subsystem being responsive to the control information which is foreign to said standard modem command to effect a control operation even though said control information is foreign to said standard modem command and is not associated with said standard modem command according to said standard modem command format.